**Somatosensory System 3 (Wall): Worksheet**

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*Note*: No answer key since everything is taken directly from the notes

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| **TOUCH AND PROPRIOCEPTION** | | **PAIN, TEMPERATURE, CRUDE TOUCH** | |
| **Body** | **Face** | **Body** | **Face** |
| **Dorsal column medial lemniscus** | **Trigeminal lemniscus** | **Anterolateral system (Spinothalamic)** | **Trigeminothalamic** |
|  |  |  |  |

\*Subdivisions:

Spinorecticular: terminate in reticular formation of pons

Spinotectal: terminate in tectum (colliculli) of midbrain

Spinothalamic: terminate in lateral portion of ventroposterior nucleus of thalamus

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| --- | --- | --- | --- | --- |
|  | **Dorsal column medial lemniscus** | **Trigeminal lemniscus** | **Anterolateral system (Spinothalamic)** | **Trigeminothalamic** |
| **Input from** | Body | Face  CN V | Body | Face  [V], VII, IX, X |
| **Modality** | Touch  Proprioception | Touch  Proprioception | Pain  Temperature  Crude touch | Pain  Temperature  Crude touch |
| **Entry level** |  |  |  |  |
| **Nuclei** |  |  |  |  |
| **Tracts** |  |  |  |  |
| **Decussate**  **level** |  |  |  |  |